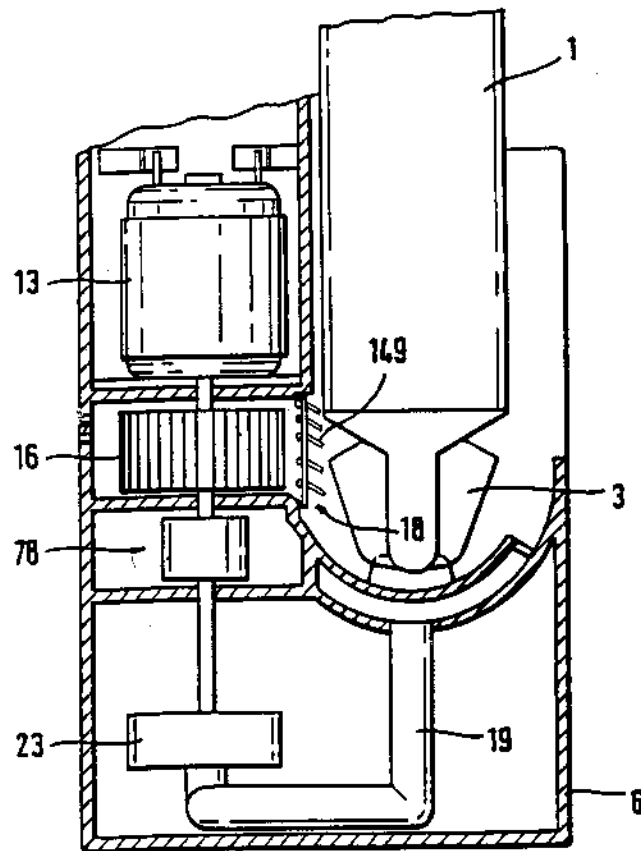



JOINED	O.G. FIG.
CLASS	SUBCLASS
ISSUED	

Fig.12



PART B—ISSUE FEE TRANSMITTAL

MAILING INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE. Blocks 2 through 6 should be completed where appropriate. If further correspondence including the Issue Fee Receipt, the Patent, advance orders and notification of maintenance fees will be mailed to addressee listed in Block 1 unless you direct otherwise, by: (a) specifying a new correspondence address in Block 3 below; or (b) providing the PTO with a separate "NEW ADDRESS" for maintenance fee notifications with the payment of Issue Fee or thereafter. See reverse for Certificate of Mailing.

1. CORRESPONDENCE ADDRESS	2. INVENTOR(S) ADDRESS CHANGE (Complete only if there is a change)
WILLIS M ERTMAN FISH AND RICHARDSON 225 FRANKLIN STREET BOSTON MA 02110-2804 34M2/0124 	INVENTOR'S NAME
	Street Address
	City, State and ZIP Code
	CO-INVENTOR'S NAME
	Street Address
	City, State and ZIP Code
	<input type="checkbox"/> Check if additional changes are on reverse side

SERIES CODE/SERIAL NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
08/370,681	01/10/95	020	STINSON, F	3405 01/24/97
First Named Applicant	BRAUN,	GEBHARD		

TITLE OF INVENTION: CLEANING DEVICE FOR CLEANING THE SHAVING HEAD OF A DRY SHAVING APPARATUS

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
3 02894/285001	134-092.000	187	UTILITY	NO	\$1290.00	04/24/97

3. Correspondence address change (Complete only if there is a change)

4. For printing on the patent front page, list the names of not more than 3 registered patent attorneys or agents OR, alternatively, the name of a firm having as a member a registered attorney or agent. If no name is listed, no name will be printed.

1. Fish & Richardson, P.C.

2. _____

3. _____

DO NOT USE THIS SPACE

080 KP 03/19/97 08370681 1 142 1,290.00 CK
 080 KP 03/19/97 08370681 1 561 30.00 CK

5. ASSIGNMENT DATA TO BE PRINTED ON THE PATENT (print or type)

(1) NAME OF ASSIGNEE:
 Braun Aktiengesellschaft
 (2) ADDRESS (CITY & STATE OR COUNTRY):
 Kronberg, Germany

- ☐ This application is NOT assigned.
☒ Assignment previously submitted to the Patent and Trademark Office.
☐ Assignment is being submitted under separate cover. Assignments should be directed to Box ASSIGNMENTS.

PLEASE NOTE: Unless an assignee is identified in Block 5, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the PTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

5a. The following fees are enclosed:

☒ Issue Fee ☒ Advance Order - # of Copies 10

5b. The following fees should be charged to: 06-1050

DEPOSIT ACCOUNT NUMBER

(ENCLOSE PART C)

☐ Issue Fee ☐ Advance Order - # of Copies

☒ Any Deficiencies in Enclosed Fees

The COMMISSIONER OF PATENTS AND TRADEMARKS is requested to apply the Issue Fee to the application identified above.

(Authorized Signature) _____ (Date)

3/10/97

NOTE: The Issue Fee will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the Patent and Trademark Office.

1. TRANSMIT THIS FORM WITH FEE-CERTIFICATE OF MAILING ON REVERSE

PART C—CHARGE TO DEPOSIT ACCOUNT

1. CORRESPONDENCE ADDRESS

WILLIAM W. ERTMAN
 FISH AND RICHARDSON
 215 FRANKLIN STREET
 BOSTON MA 02110-2804

SERIES CODE/SERIAL NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
087570 631	01/10/95	020	STINSON, F	0405 01/24/97
First Named Applicant	GLEBHARD			

TITLE OF INVENTION: CLEANING DEVICE FOR CLEANING THE SHAVING HEAD OF A DRY SHAVING
 ART UNIT

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
0004-085001	034-092.000	187	UTILITY	NO	\$1290.00	04/24/97

DO NOT USE THIS SPACE

080 RF 03/10/97 08370681
 050 RF 03/10/97 08370681

1 142 14 1,290.00 CK
 1 561 30,000 CK

2a. The following fees are enclosed:

☒ Issue Fee ☒ Advance Order - # of Copies 10

2b. The following fees should be charged to: 06-1050

DEPOSIT ACCOUNT NUMBER

☐ Issue Fee ☐ Advance Order - # of Copies

☒ Any Deficiencies in Enclosed Fees

The COMMISSIONER OF PATENTS AND TRADEMARKS is requested to apply the issue fee to the application identified above.

(Authorized Signature)

[Signature]

3/10/97

NOTE: The Issue Fee will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the Patent and Trademark Office.

2. TRANSMIT THIS FORM WITH PART B WHEN AUTHORIZING USE OF A DEPOSIT ACCOUNT

02/21/97 FRI 15:40 FAX 6175428906

F&R PC BOSTON

002

PATENT
ATTORNEY DOCKET NO. 02894/285001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Gebhard Braun
Serial No.: 08/370,681
Filed : January 10, 1995
Title : CLEANING DEVICE FOR CLEANING THE SHAVING HEAD OF A
DRY SHAVING APPARATUS

Art Unit: 3405
Examiner: Stinson

Commissioner of Patents and Trademarks
Washington, DC 20231

14/RD
4/23/97
FAX COPY RECEIVED

FEB 21 1997

GROUP 3400

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO 1449. These references were cited by the Examiner in pending application Serial No. 08/376,849 (four of the references were cited in the Office Action dated December 13, 1996, and one of the references was cited in the Office Action dated September 18, 1996). Applicant thanks the Examiner for his indication during a telephone conference conducted today that he would consider the references.

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: Feb. 21, 1997

Phyllis Kuehl Reg. No. 32,524
Eric L. Prahl
Reg. No. 32,590

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804

Telephone: 617/542-5070
Facsimile: 617/542-8906
228643.B11

Date of Deposit Feb 21, 1997
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office on the date indicated above.

B000123

02/21/97 FRI 15:40 FAX 6175428906

F&R PC BOSTON

003

Sheet 1 (A) of 1

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 02894/285001		SERIAL NO. 08/370,681							
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))				APPLICANT Gebhard Braun									
				FILING DATE January 10, 1995		GROUP							
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		PATENT NUMBER						ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>JS</i>	AA	3	2	2	7	1	6	7	01/04/66	Parent	134	109	
	AB	4	7	3	0	6	3	1	03/15/88	Schwartz	134	155	
	AC	5	1	8	6	6	3	1	1/1993	Kitajima	134	164	
<i>JS</i>	AD	5	3	3	3	6	2	8	08/02/94	Ogata et al.	134	64	
	AE												
	AF												
	AG												
	AH												
	AI												
	AJ												
	AK												
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION													
		DOCUMENT NUMBER						PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO	
<i>JS</i>	AL	412981						3/15/24	Germany				
	AM												
	AN												
	AO												
	AP												
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)													
	AQ												
	AR												
	AS												
EXAMINER <i>JS</i>									DATE CONSIDERED 3/1/99				
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.													

Substitute Disclosure Form (PTO-1449)

B000124



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
 Washington, D.C. 20231

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
08/370,681	01/10/95	BRADON	022347-28001

WILLIS M ERTMAN
 FISH AND RICHARDSON
 225 FRANKLIN STREET
 BOSTON MA 02110-2804

34M2/0430

EXAMINER STINSON, F

ART UNIT 3405	PAPER NUMBER
------------------	--------------

DATE MAILED: 04/30/97

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

B000125

1- File Copy

Notice of AllowabilityApplication No.
08/370,681

Applicant(s)

BRAUN

Examiner

Frankie L. Stinson

Group Art Unit

3405

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course.

☒ This communication is responsive to IDS of Feb 21, 1997

☒ The allowed claim(s) is/are 1-20

☐ The drawings filed on _____ are acceptable.

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been

☐ received.

☐ received in Application No. (Series Code/Serial Number) _____

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE **THREE MONTHS** FROM THE "DATE MAILED" of this Office action. Failure to timely comply will result in ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.

☐ Applicant MUST submit NEW FORMAL DRAWINGS

☐ because the originally filed drawings were declared by applicant to be informal.

☐ including changes required by the Notice of Draftsperson's Patent Drawing Review, PTO-948, attached hereto or to Paper No. _____

☐ including changes required by the proposed drawing correction filed on _____, which has been approved by the examiner.

☐ including changes required by the attached Examiner's Amendment/Comment.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

☐ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any response to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE/SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

Attachment(s)

☐ Notice of References Cited, PTO-892

☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). 14

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

☐ Interview Summary, PTO-413

☐ Examiner's Amendment/Comment

☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

☐ Examiner's Statement of Reasons for Allowance

FRANKIE L. STINSON
PRIMARY EXAMINER
ART UNIT 3405



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2280 HV, Rijswijk (Zhr.)
TX (070) 3 40 20 40
TX 31 31 epo nl
FAX (070) 3 40 30 16

Europäisches
Patentamt

Zweigstelle
in Den Haag
Recherchen-
abteilung

Leban
Patent Office

Branch at
The Hague
Search
division

Office européen
des brevets

Département à
La Haye
Division de la
recherche

Braun Aktiengesellschaft
Patentabteilung,
Postfach 11 20
D-61466 Kronberg
ALLEMAGNE

Patentabteilung

Eing. 18. APR. 1995

Vorlage
Frist

Datum/Date

13. 04. 95

EDV erf.

Bautz

Franke

Holmann

Klauser

Klinger

Schm.-Fr.

Vorbeck

Wieske

Zeichen/Ref./Ref. 05838-PT2/Rel

Anmeldung Nr./Dossier n°/Demande n°/Patent Nr./Brevet n°

Anmelder/Applicant/Deposant/Propriétaire/Titulaire
Braun Aktiengesellschaft

MITTEILUNG

Das europäische Patentamt übermittelt hiermit

- ☒ den europäischen Recherchenbericht
- ☐ die Erklärung nach Regel 45 EPÜ
- ☐ den europäischen Teilrecherchenbericht nach Regel 45 EPÜ
- ☐ den ergänzenden europäischen Recherchenbericht betreffend die internationale Anmeldung nach Artikel 157(2) EPÜ zu der obengenannten europäischen Patentanmeldung. Kopien der im Recherchenbericht aufgeführten Schriften sind beigelegt.

Die folgenden Angaben des Anmelders wurden von der Recherchenabteilung genehmigt:

- ☐ Zusammenfassung
- ☒ Bezeichnung
- ☒ Abbildung

- ☐ Die Zusammenfassung wurde von der Recherchenabteilung abgeändert und der endgültige Wortlaut ist dieser Mitteilung beigelegt.
- ☐ Die folgende Abbildung wird mit der Zusammenfassung veröffentlicht, weil sie nach Auffassung der Recherchenabteilung die Erfindung besser kennzeichnet als die vom Anmelder angegebene.

Abbildung:

- ☒ Zusätzliche Kopie(n) der im europäischen Recherchenbericht aufgeführten Schriften.

RÜCKERSTATTUNG DER RECHERCHENGEBÜHR

Falls Artikel 10 Gebührenordnung in Anwendung kommt, ergeht noch eine gesonderte Mitteilung der Eingangsstelle hinsichtlich der Rückerstattung der Recherchegebühr.



Ro

EPO Form 1507 02.93

B000127

Europäisches
Patentamt

EUROPÄISCHER RECHERCHENBERICHT

Nummer der Anmeldung

EINSCHLÄGIGE DOKUMENTE			EP 95100493.6
Kategorie	Kennzeichnung des Dokuments mit Angabe, soweit erforderlich, der maßgeblichen Teile	Betrifft Anspruch	KLASSIFIKATION DER ANMELDUNG (Kl. C16)
A	US - A - 5 064 521 (STEPANENKO et al.) * Spalte 1, Zeile 15; Fig. 1-8 *	1	A 45 D 27/46
A	GB - A - 0 337 132 (WILLIAM FARQUHARSON IRELAND) * Fig. 1-5 *	1	
A	GB - A - 2 129 732 (KYUSHU HITACHI MAXELL LTD.) * Zusammenfassung; Fig. 1 *		
A	GB - A - 1 206 791 (SPERRY RAND CORPORATION) * Fig. 1-5 *		
A	GB - A - 1 206 792 (SPERRY RAND CORPORATION) * Gesamt *		
<p><i>alle anbei; keine US-Akte</i></p>			RECHERCHIERTE SACHGEBIETE (Kl. C16)
			<p>A 45 D 27/00 B 23 H 3/00 B 26 B 1/00</p>
Der vorliegende Recherchenbericht wurde für alle Patentansprüche erstellt.			
Recherchenort WIEN		Abschlußdatum der Recherche 23-03-1995	Prüfer PIRKER
<p>KATEGORIE DER GENANNTEN DOKUMENTEN</p> <p>X : von besonderer Bedeutung allein betrachtet Y : von besonderer Bedeutung in Verbindung mit einer anderen Veröffentlichung derselben Kategorie A : technologischer Hintergrund O : nichtschriftliche Offenbarung P : Zwischenliteratur T : der Erfindung zugrunde liegende Theorien oder Grundsätze</p> <p>E : älteres Patentdokument, das jedoch erst am oder nach dem Anmeldedatum veröffentlicht worden ist D : in der Anmeldung angeführtes Dokument L : aus anderen Gründen angeführtes Dokument & : Mitglied der gleichen Patentfamilie, übereinstimmendes Dokument</p>			

EPA Form 1503 03/82

B000128

ANHANG ZUM EUROPÄISCHEN RECHERCHENBERICHT
 ÜBER DIE EUROPÄISCHE PATENTANMELDUNG NR. EP 95100493.6

In diesem Anhang sind die Mitglieder der Patentfamilien der im obengenannten europäischen Recherchenbericht angeführten Patentedokumente angegeben.
 Die Angaben über die Familienmitglieder entsprechen dem Stand der EPIDOS-INPADOC-Datei am 24. 3.1995
 Diese Angaben dienen zur Unterrichtung und erfolgen ohne Gewähr.

Im Recherchenbericht angeführtes Patentedokument		Datum der Veröffentlichung	Mitglied(er) der Patentfamilie		Datum der Veröffentlichung
US A	5064521	12-11-91	FI A0	903164	21-06-90
			WO A1	9004665	03-05-90
			EP A1	393192	24-10-90
			EP A4	393192	23-01-91
			JP T2	4500838	13-02-92
			CN A	1044308	01-08-90
GB A	337132		keine		
GB A1	2129732		keine		
GB A	1206791	30-09-70	DE A	1557365	24-07-69
			FR A	1564502	25-04-69
			GB A	1206792	30-09-70
			NL A	6715860	24-05-68
			NL B	160597	15-06-79
			NL C	160597	15-11-79
			US A	3364068	16-01-68
GB A	1206792	30-09-70	DE A	1557365	24-07-69
			FR A	1564502	25-04-69
			GB A	1206791	30-09-70
			NL A	6715860	24-05-68
			NL B	160597	15-06-79
			NL C	160597	15-11-79
			US A	3364068	16-01-68

Bezüglich näherer Einzelheiten zu diesem Anhang siehe Amtsblatt des Europäischen Patentamtes, Nr. 12/82.

15750.b11

File 347:JAPIO OCT 1976-1996/Jun.
(c) JPO & JAPIO

SI 1 PN="JP 6178876"

1/5/1
DIALOG(R)File 347:JAPIO
(c) JPO & JAPIO. All rts. reserv.

04534976
ELECTRIC RAZOR

PUB. NO.: 06-178876 [JP 6178876 A]
PUBLISHED: June 28, 1994 (19940628)
INVENTOR(s): TANIOKA SUSUMU
MORIMOTO YASUSHI
TANAKA MASATOSHI
APPLICANT(s): TOKYO ELECTRIC CO LTD [000356] (A Japanese Company or
Corporation), JP (Japan)
APPL. NO.: 04-333228 [JP 92333228]
FILED: December 14, 1992 (19921214)
INTL CLASS: [5] B26B-019/44; A45D-027/46
JAPIO CLASS: 30.3 (MISCELLANEOUS GOODS -- Clothing & Personal Belongings)
JOURNAL: Section: M, Section No. 1680, Vol. 18, No. 514, Pg. 96,
September 28, 1994 (19940928)

ABSTRACT

PURPOSE: To provide an electric razor which can assuredly clean by washing away beard scum which has adhered on the internal blade or external blade by filling an appropriate quantity of a detergent in the beard storage space thoroughly and easily.

CONSTITUTION: When the title electric razor is fitted in a main body case 11, an external blade 29 is covered in such a manner that a communicating port (external blade base opening 21) is internally wrapped, and a gap D is formed on the outside of the external blade 29. By doing this, a closed space to form a detergent circulating passage R which passes through the gap D and a beard storage space (annular recessed part 20) via the external blade base opening 21 and external blade 29, is formed between the electric razor and the main body case 11. At the same time, a cap 12 which is equipped with a liquid injection port (cap communicating port 47) to the gap D is formed, and the cap 12 is fitted on the main body case 11, a washing liquid (liquid detergent S) is filled in the detergent circulating passage R, and an internal blade 29 is rotated. By this method, generated air bubbles B circulate between the gap D and annular recessed part 20, and clean the electric razor.

Subaccount is set to 02894.285001/RAL

SYSTEM:OS - DIALOG OneSearch

File 350:Derwent World Pat. 1963-1980/UD=9644

(c) 1996 Derwent Info Ltd

Sl 1 PN="DE 2429372"

1/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent World Pat.
(c) 1996 Derwent Info Ltd. All rts. reserv.

001442000 WPI Acc No: 76-A4885X/03

Electric razor cleaning device with razor holder - includes vibrating plate to shake out dirt from razor head onto tray below

Patent Assignee: (BAUM/) BAUMGARTNER E R

Number of Patents: 001

Patent Family:

CC Number	Kind	Date	Week
DE 2429372	A	760108	7603 (Basic)

Priority Data (CC No Date): DE 2429372 (740619)

Abstract (Basic): The electric razor cleaning device comprises a holder (2) for the razor and a vibrating plate which can be plugged into an electric circuit at 6 to vibrate very rapidly so that particles of dirt and hair are shaken out from inside the razor head. A dirt collecting tray (3) lies directly beneath the vibrating plate so that the accumulating dirt can easily be removed by drawing out the tray. The drive for the electric razor can also be switched on at the same time as the plate to provide more efficient working. the vibration drive means for the vibrating plate may be an oscillatory armature drive, an eccentric motor or a crank and connecting rod drive. The device can be provided with a timing mechanism for automatically switching off the drive after a preset time has elapsed or a manual push-button (4) can be added for switching the machine on intermittently.

Derwent Class: P24;

Int Pat Class: A45D-027/00

PTO UTILITY GRANT

Paper Number 16

The Commissioner of Patents and Trademarks

Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent

Grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America for the term set forth below, subject to the payment of maintenance fees as provided by law.

If this application was filed prior to June 8, 1995, the term of this patent is the longer of seventeen years from the date of grant of this patent or twenty years from the earliest effective U.S. filing date of the application, subject to any statutory extension.

If this application was filed on or after June 8, 1995, the term of this patent is twenty years from the U.S. filing date, subject to a statutory extension. If the application contains a specific reference to an earlier filed application or applications under 35 U.S.C. 120, 121 or 365(c), the term of the patent is twenty years from the date on which the earliest application was filed, subject to any statutory extension.

Bruce Lehman
Commissioner of Patents and Trademarks

Melvinia Gary
Attest

The United States of America



Form PTQ-1584 (Rev. 2/87)

B000132

FPI-LOM

(RIGHT INSIDE)